

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S164	461	(yewebdar or tadesse) and "118"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/07/28 08:56
S165	155028	("20030161937"   "4153201"   "4655393"   "5451260").PN"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/18 10:55
S166	155027	("4153201"   "4655393"   "5451260").PN"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/18 10:57
S167	4	(("20030161937") or ("4153201") or ("4655393") or ("5451260")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/18 10:58
S168	4	"high frequency spraying".ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/18 11:08
S169	1	10/585568	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 21:24
S170	2	10/084293	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 21:24
S171	14	("20030161937"   "4504522"   "4808449"   "5451260"   "5821402"   "5834419"   "5972430"   "6131580"   "6134791"   "6153252"   "6265222"   "6361819"   "6596236"   "6670286").PN. OR ("7241478").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/29 21:26

S172	1209	(ultrasonic or frequency) near5 atomis\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 21:30
S174	1	(ultrasonic or frequency) near5 atomis\$3 and trumpet \$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 21:31
S175	3047	(118/326,300).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/29 22:12
S176	1	S175 and S172	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 22:12
S177	90	S172 and (chamber or housing) and (cur\$3 or dry \$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 22:13
S178	23	S172 and (chamber or housing) and (cur\$3 or dry \$3) and inert adj gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 22:13
S179	427	S175 and "239"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 22:16
S181	219	(chamber or housing) and S179	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 22:16
S182	62	S181 and (chamber or housing) same gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 22:17

S183	16	(ultrasonic or frequency) and S182	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 22:21
S184	2690	(118/634,50,309).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/29 22:26
S185	239	(ultrasonic or frequency) and S184	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 22:26
S186	1	S184 and (ultrasonic or frequency) near5 atomis\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 22:26
S187	14	kunstmann-jurgen\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 22:27
S188	13	rathenow-jorg\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 22:28
S189	62	asgari-soheil\$.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 22:28
S190	7	(ultrasonic or frequency) and S187	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 22:28
S191	7	(ultrasonic or frequency) and S188	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 22:28

S192	30	(ultrasonic or frequency) and S189	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 22:28
S194	1452	(239/102.1,102.2).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/04/29 22:32
S195	75	S194 and (chamber or housing) and (cur\$3 or dry \$3) and resonance\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 22:33
S196	151	S194 and (chamber or housing) and resonance\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 22:38
S197	148	(ultrasonic or frequency) and S196	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 22:38
S198	35	S197 and (chamber or housing) same gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/04/29 22:38
S199	4	(("20030161937") or ("4153201") or ("4655393") or ("5451260")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/02 08:46
S200	4	S199 and (mist\$3 or atomiz \$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 08:46
S201	3	S199 and (mist\$3 or atomiz \$5) and gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 08:51
S202	1	S199 and (mist\$3 or atomiz \$5) and gas and (dry\$3 or cur\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 08:53

S203	2	S199 and (electric\$4 or magnet\$4 or magnetic\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 09:35
S204	3	S199 and temperature\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 09:41
S205	3	S199 and heat\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 09:42
S206	4	(("20030161937") or ("4153201") or ("4655393") or ("5451260")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/02 11:11
S207	2	S206 and substrate\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 11:11
S208	2	vacuum adj chamber near5 stent and "118"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 11:18
S209	12	("20020014407"   "20020017454"   "20020017455"   "5814194"   "5980974"   "6231598").PN. OR ("6676989").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/02 11:21
S210	6	vacuum adj chamber same stent and "118"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 11:25
S211	84	("3081200"   "4916089"   "5002928"   "5021399"   "5138520"   "5164040"   "5278138").PN. OR ("5451260").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/02 15:00

S212	49	S211 and temperature near5 (gas or liquid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 15:00
S213	32	S211 and temperature near5 (gas or liquid) and atomiz\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 15:02
S214	14	("20030161937"   "4504522"   "4808449"   "5451260"   "5821402"   "5834419"   "5972430"   "6131580"   "6134791"   "6153252"   "6265222"   "6361819"   "6596236"   "6670286").PN. OR ("7241478").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/02 15:03
S215	1	S214 and temperature near5 (gas or liquid) and atomiz\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 15:03
S216	14	("20030161937"   "4504522"   "4808449"   "5451260"   "5821402"   "5834419"   "5972430"   "6131580"   "6134791"   "6153252"   "6265222"   "6361819"   "6596236"   "6670286").PN. OR ("7241478").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/02 17:25
S217	4	S216 and temperature near5 (gas or liquid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 17:25
S218	4	(("20030161937") or ("4153201") or ("4655393") or ("5451260")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/02 18:46
S219	2	S218 and (cur\$3 or dry\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 18:46
S220	782	(118/666,667).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/02 20:45

S221	1205	(118/666,667,663).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/02 20:45
S222	301	(ultrasonic or frequency) and S221	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 20:46
S223	106	S222 and temperature near5 (gas or liquid)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 20:46
S224	6	S223 and (mist\$3 or atomiz \$5) and gas and (dry\$3 or cur\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 20:47
S225	157	robot and (mist\$3 or atomiz \$5) and gas and (dry\$3 or cur\$3) and "118"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 20:48
S226	499	(yewebdar or tadesse) and "118"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 20:52
S227	82	(ultrasonic or frequency) and S226	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 20:53
S228	11	S227 and (mist\$3 or atomiz \$5) and gas and (dry\$3 or cur\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 20:53

S229	39	("3103310"   "4624736"   "4800100"   "4826585"   "4919077"   "4986214"   "5014646"   "5174826"   "5183511"   "5213851"   "5217559"   "5319570"   "5342448"   "5354420"   "5356674"   "5385633"   "5410162"   "5423940"   "5451260"   "5499602"   "5512102"   "5522935"   "5525158"   "5526448"   "5561373"   "5660773"   "5681394"   "5698472"   "5705235"   "5748318"   "5751582"   "5753320"   "5755877"   "5763018"   "5820942"   "5980637"   "6174651"   "6279502").PN. OR ("6569249").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/02 21:18
S230	4	S229 and (mist\$3 or atomiz\$5) and gas and (dry\$3 or cur\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 21:18
S231	1	S229 and robot	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 21:19
S232	39	("3103310"   "4624736"   "4800100"   "4826585"   "4919077"   "4986214"   "5014646"   "5174826"   "5183511"   "5213851"   "5217559"   "5319570"   "5342448"   "5354420"   "5356674"   "5385633"   "5410162"   "5423940"   "5451260"   "5499602"   "5512102"   "5522935"   "5525158"   "5526448"   "5561373"   "5660773"   "5681394"   "5698472"   "5705235"   "5748318"   "5751582"   "5753320"   "5755877"   "5763018"   "5820942"   "5980637"   "6174651"   "6279502").PN. OR ("6569249").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/02 22:46

S233	10	S232 and heat\$3 near5 gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 22:47
S234	5	(US-20020051846-\$ or US-20030161937-\$).did. or (US-5451260-\$ or US-6569249-\$ or US-5217559-\$).did.	US-PGPUB; USPAT	OR	OFF	2011/05/02 22:49
S235	2	S234 and heat\$3 near5 gas	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 22:49
S236	4	S234 and (magnetic\$4 or electric\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 22:59
S237	15	six near5 degrees same robot and "118"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 23:13
S238	7	six near5 degrees same robot and "427"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 23:17
S239	11	six near5 degrees same robot and vacuum adj chamber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 23:20
S242	14	six near5 degrees same robot same chamber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 23:22
S243	0	six near5 degrees same robot same chamber same substrate near3 hold\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 23:25

S244	4	six near5 degrees same chamber same substrate near3 hold\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 23:26
S245	36	six near5 degrees same load \$3 same substrate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 23:28
S246	29	("4507597"   "4683391"   "4780617"   "5196745"   "5298939"   "5448332"   "5723917"   "5796467"   "5838079"   "5885747"   "5886432"   "5939852"   "5996437"   "6046555"   "6072251"   "6104108").PN. OR ("6304320").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/02 23:31
S247	6	six near5 degrees and S246	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 23:31
S248	6	(US-20020051846-\$ or US-20030161937-\$).did. or (US-5451260-\$ or US-6569249-\$ or US-5217559-\$ or US-6927838-\$).did.	US-PGPUB; USPAT	OR	OFF	2011/05/02 23:43
S249	0	S248 and (mov\$3 or movable) near5 nozzle\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 23:43
S250	0	S246 and (mov\$3 or movable) near5 nozzle\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 23:44
S251	0	S246 and (mov\$3 or movable) same nozzle\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 23:46

S252	1	S248 and (mov\$3 or movable) same nozzle\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 23:46
S253	14	("20030161937"   "4504522"   "4808449"   "5451260"   "5821402"   "5834419"   "5972430"   "6131580"   "6134791"   "6153252"   "6265222"   "6361819"   "6596236"   "6670286").PN. OR ("7241478").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/02 23:47
S254	1	S253 and (mov\$3 or movable) same nozzle\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 23:47
S255	13044	(mov\$3 or movable) same nozzle\$1 and (atomiz\$5 or mist\$3 or vapor\$1) near5 nozzle\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 23:48
S256	443	(mov\$3 or movable) near5 nozzle\$1 and (atomiz\$5 or mist\$3 or vapor\$1) near5 nozzle\$1 and "118"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 23:49
S257	110	(mov\$3 or movable) near5 nozzle\$1 same chamber and (atomiz\$5 or mist\$3 or vapor\$1) near5 nozzle\$1 and "118"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 23:49
S258	10	("20010003964"   "20100029088"   "4457259"   "4827867"   "6171367"   "6254936"   "6447608"   "6863741"   "6872256"   "6911091").PN. OR ("7913643").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/05/02 23:51
S259	7	S258 and (mov\$3 or movable) same nozzle\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/05/02 23:52

**EAST Search History (Interference)**

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